

CLAIMS:

653 in view 458 in view 018 in view 155 in view 786
project stage vertex vertex
deformations in proper subgroups

1. A light reflector having a plurality of projected portions or recessed portions, characterised in that said reflector has n first projected portions or recessed portions at positions corresponding respectively to vertexes of an n -gon, n being an odd number which is equal to or greater than 3.
2. A light reflector as claimed in claim 1, characterised in that said light reflector comprises a plurality of projected portion sets or recessed portion sets, each of said projected portion sets or recessed portion sets consisting of said n first projected portions or recessed portions.
3. A light reflector as claimed in claim 2, characterised in that said plurality of projected portion sets or recessed portion sets are constructed such that at least two of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets, each of said at least two projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.
4. A light reflector as claimed in claim 3, characterised in that said plurality of projected portion sets or recessed portion sets are constructed such that six of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets, each of said six projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.
5. A light reflector as claimed in any one of claims 1 to 4, characterised in that said reflector comprises at least one second projected portion or recessed portion in an area surrounding by said n first projected portions or recessed portions.

6. A light reflector as claimed in any one of claims 1 to 4, characterised in that the number of said first projected portions or recessed portions is seven.

7. A light reflector as claimed in any one of claims 2 to 6, characterised in that, 5 in the case of defining respective lines connecting adjacent projected portions or recessed portions of said n first projected portions or recessed portions with respect to each of said plurality of projected portion sets or recessed portion sets, said respective lines associated with one of said plurality of projected portion sets or recessed portion sets extend in directions which are different from those of said respective lines associated with remaining 10 projected portion sets or recessed portion sets.

8. A liquid crystal display device comprising pixel electrodes formed at areas corresponding to pixels, respectively, characterised in that said light reflector as claimed in any one of claims 1 to 7 is used as the pixel electrode.

15 9. A liquid crystal display device as claimed in claim 8, n projections are provided below said pixel electrode at positions corresponding respectively to vertexes of an n-gon, n being an odd number which is equal to or greater than 3.

*Welsch
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